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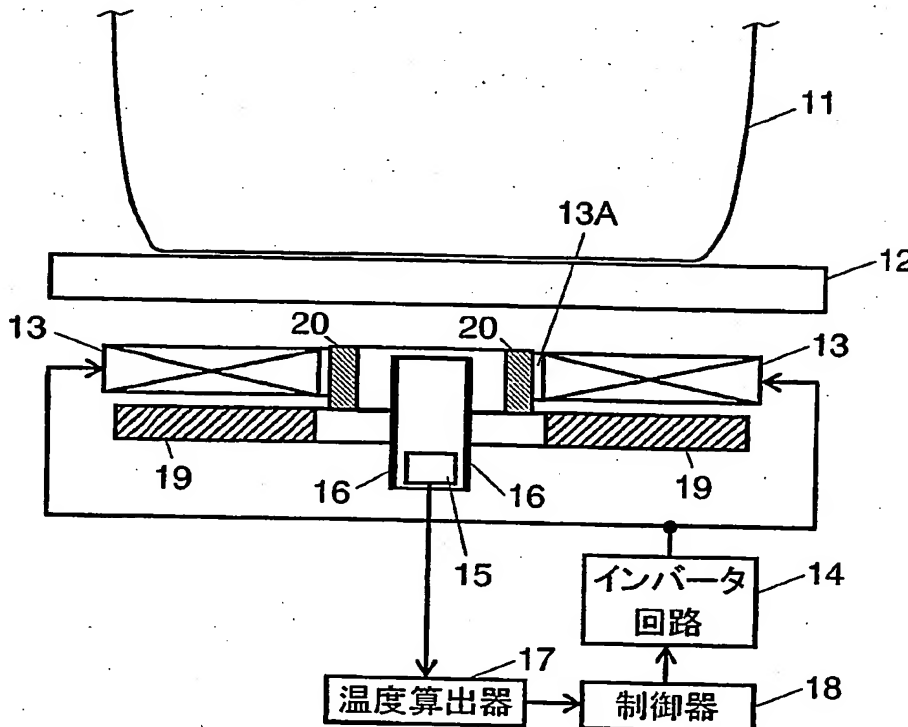
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- (51) 国際特許分類⁷: H05B 6/12 (71) 出願人 (米国を除く全ての指定国について): 松下電
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(54) Title: INDUCTION HEATING COOKER

(54) 発明の名称: 誘導加熱調理器



14...INVERTER CIRCUIT
17...TEMPERATURE CALCULATING UNIT
18...CONTROL UNIT

(57) Abstract: An induction heating cooker comprising an infrared sensor for detecting an infrared intensity from a load pot, a waveguide for guiding infrared radiation from the load pot up to the infrared sensor, and a first magnetism-proofing unit and a second magnetism-proofing unit for reducing magnetic fluxes leaking from a heating coil. The waveguide so constructed as to be disposed below the top surface of the second magnetism-proofing unit can reduce the waveguide self-heating by magnetic fluxes from the heating coil. Consequently, the temperature rise of the infrared sensor by radiation heat from the waveguide can be reduced to thereby improve a temperature detection accuracy by the infrared sensor.

(57) 要約: 負荷鍋からの赤外線強度を検知するための赤外線センサと、負荷鍋からの赤外線放射を赤外線センサまで導くための導波管と、加熱コイルからの磁束

漏れを低減する第 1 の防磁器と第 2 の防磁器を有する誘導加熱調理器である。導波管を第 2 の防磁器の上面より下方に配置する構成とすることにより、加熱コイルからの磁束による導波

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添付公開書類:
— 国際調査報告書

2文字コード及び他の略語については、定期発行される各PCTガゼットの巻頭に掲載されている「コードと略語のガイダンスノート」を参照。

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/010532

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl.⁷ H05B6/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl.⁷ H05B6/12

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1926-1996	Toroku Jitsuyo Shinan Koho	1994-2004
Kokai Jitsuyo Shinan Koho	1971-2004	Jitsuyo Shinan Toroku Koho	1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2002-75624 A (Matsushita Electric Industrial Co., Ltd.), 15 May, 2002 (15.05.02), Full text; Figs. 1 to 6 (Family: none)	1-5, 7
Y	JP 2003-151746 A (Matsushita Electric Industrial Co., Ltd.), 23 May, 2003 (23.05.03), Par. No. [0026]; Fig. 4 (Family: none)	1-5, 7

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

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Date of the actual completion of the international search
01 October, 2004 (01.10.04)Date of mailing of the international search report
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2003-130366 A (Matsushita Electric Industrial Co., Ltd.), 08 May, 2003 (08.05.03), Par. Nos. [0024] to [0025]; Fig. 4 (Family: none)	5, 7
A	JP 3-208288 A (Matsushita Electric Industrial Co., Ltd.), 11 September, 1991 (11.09.91), Full text; Figs. 1 to 4 (Family: none)	6, 8